

ITEM	QTY -041	P/N	DESCRIPTION
	X	D4842-041	LOWER CUTTER ASSY
1	2	D4839-1	BLADE
2	1	D4842-1	LOWER CUTTER DEFLECTOR
3	1	D4842-3	LOWER CUTTER BODY LH
4	1	D4842-4	LOWER CUTTER BODY RH
5	6	MS21042L08	LOCKNUT
6	6	MS27039-0819	SCREW
7	12	NAS1149FN832P	WASHER
8	A/R	LOCTITE 598	RTV SEALANT

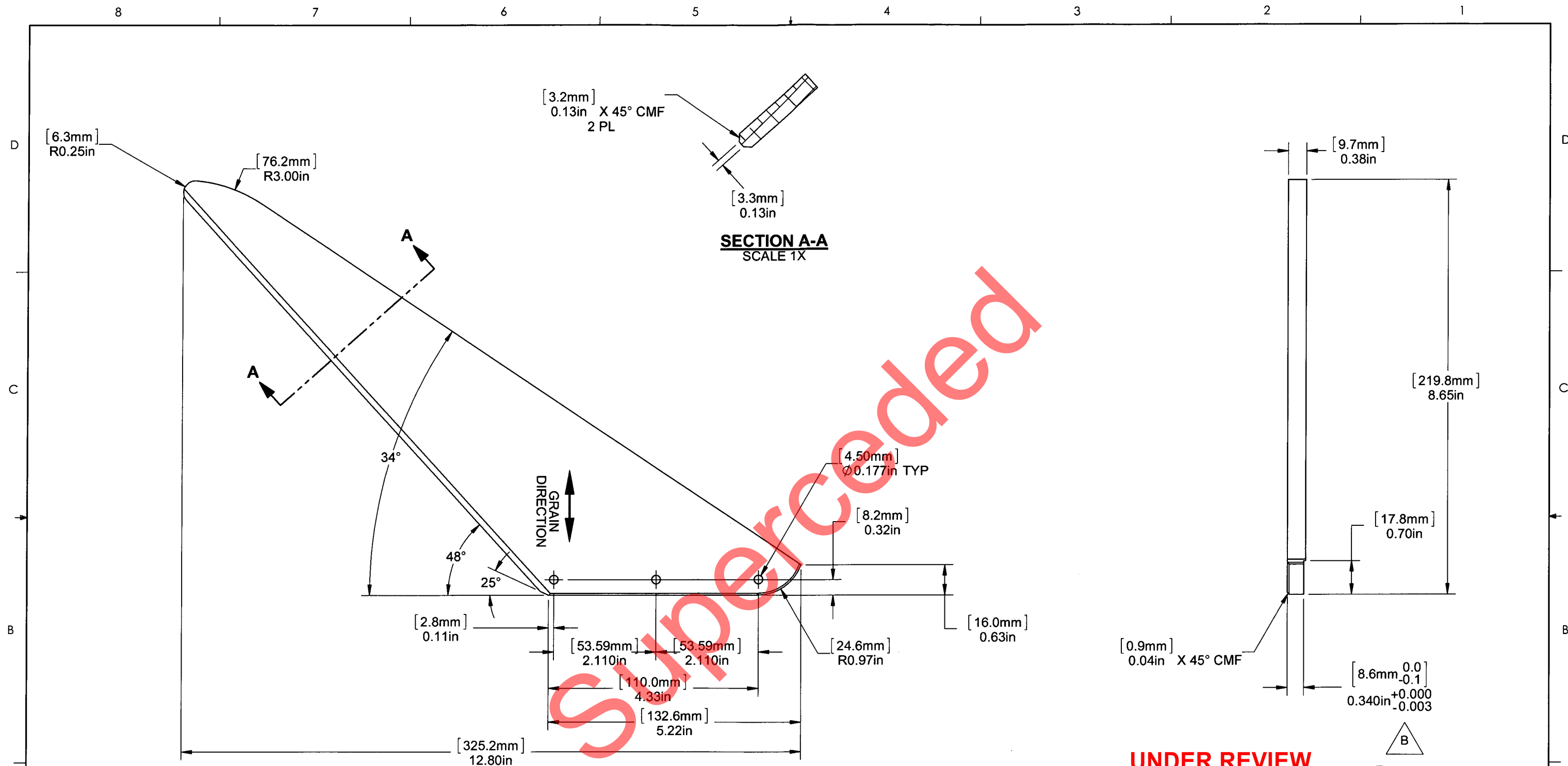
D4842-041 LOWER CUTTER ASSEMBLY

UNDER REVIEW  
URF 16-692 WM  
16-12-21

RELEASED  
2013-10-31

- NOTES:  
1) MATERIAL: N/A  
2) FINISH: N/A  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: N/A  
5) BREAK SHARP EDGES: N/A  
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4842-041", AGUSTA WESTLAND KIT NUMBER "TBD", REVISION, BATCH NUMBER AND MANUFACTURE DATE, USING AN X-TENSION STAMP, AS PER QSI 044 METHOD 6.2  
7) WEIGHT: 2.79 lbs (1.26 KGS)  
8) APPLY RTV SEALANT TO ALL FAYING SURFACES UPON ASSEMBLY  
9) CUTTING EDGE INTENDED TO BE SHARP. DO NOT BREAK SHARP EDGE.

B	CORRECT TOLERANCES (ZN B1-2) (ZN B1-3, D2-3) (ZN B7-5, D7-5)	DW	13.10.17
A	NEW RELEASE	DB	13.05.23
REV.	DESCRIPTION	BY	DATE
DESIGN	DB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DW		
CHECKED	A.P.	DRAWING NO.	REV. B
MFG. APPR.	at	D4842	SHEET 1 OF 6
APPROVED	MP	TITLE	SCALE
DE APPR.	SH	LOWER CUTTER ASSY	NTS
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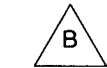
**D4842-1 LOWER CUTTER DEFLECTOR**

**NOTES:**

- 1) MATERIAL: 7075-T6 (OR T651/T6510/T6511/T62) ALUMINUM BAR  
PER AMS-QQ-A-225/9 (OR AMS 4122/4123/4186/4187) OR  
PER AMS-QQ-A-200/11 (DART SPEC M7075T6B)
- 2) FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK,  
PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX, AS PER QSI 005.
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED, ALL METRIC DIMENSIONS ARE REFERENCE DIMENSIONS.
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 1.18 lbs (0.59 kgs)
- 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: D4842-1-b.IGES

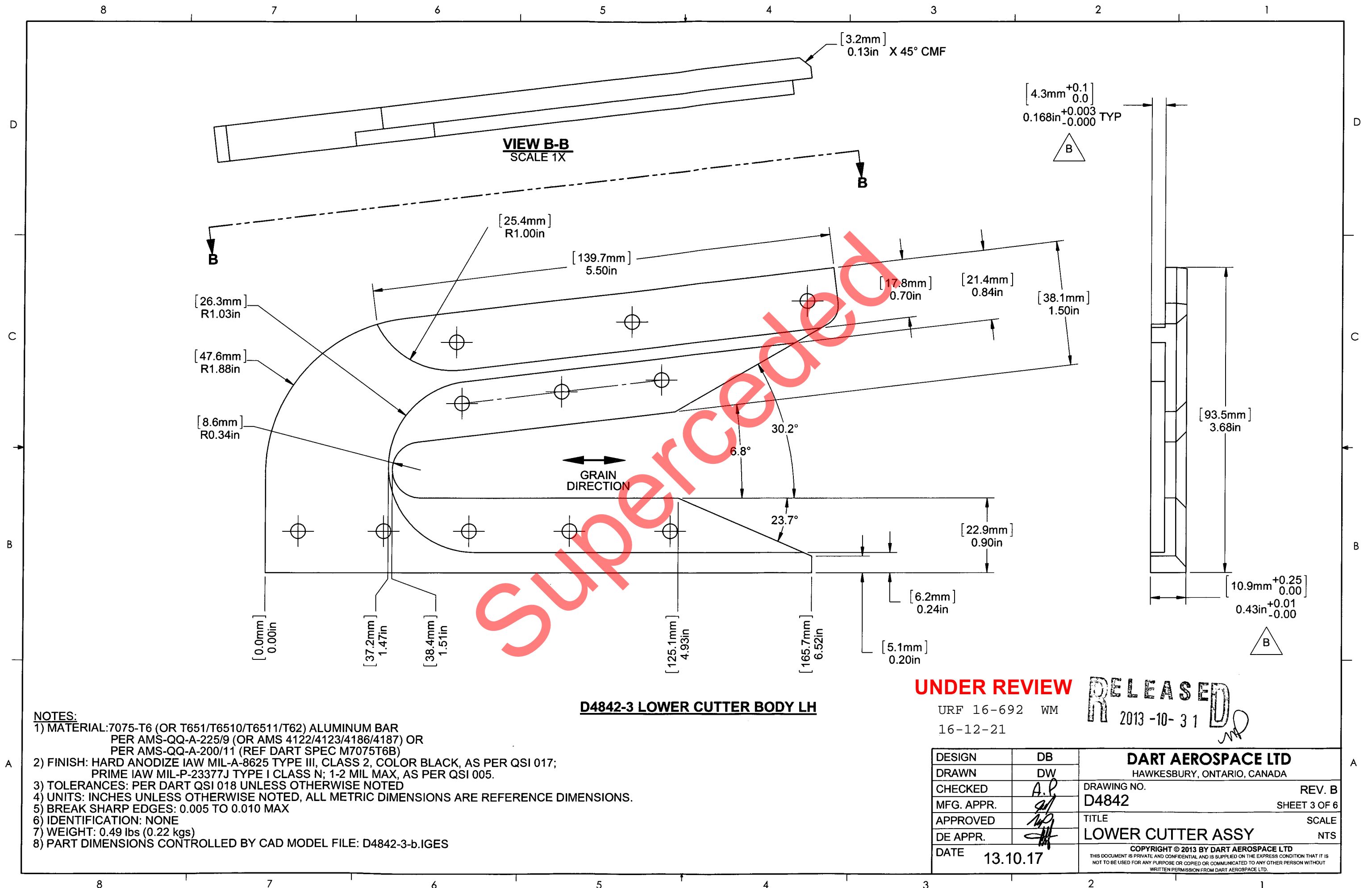
**UNDER REVIEW**

URF 16-692 WM  
16-12-21



**RELEASE**  
2013-10-31

DESIGN	DB	<b>DART AEROSPACE LTD</b>	
DRAWN	DW	HAWKESBURY, ONTARIO, CANADA	
CHECKED	A.P.	DRAWING NO.	REV. B
MFG. APPR.	9/	D4842	SHEET 2 OF 6
APPROVED	10/	TITLE	SCALE
DE APPR.	11/	LOWER CUTTER ASSY	NTS
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NOTES:

- 1) MATERIAL: 7075-T6 (OR T651/T6510/T6511/T62) ALUMINUM BAR  
PER AMS-QQ-A-225/9 (OR AMS 4122/4123/4186/4187) OR  
PER AMS-QQ-A-200/11 (REF DART SPEC M7075T6B)
- 2) FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK, AS PER QSI 017;  
PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX, AS PER QSI 005.
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED, ALL METRIC DIMENSIONS ARE REFERENCE DIMENSIONS.
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.49 lbs (0.22 kgs)
- 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: D4842-3-b.IGES

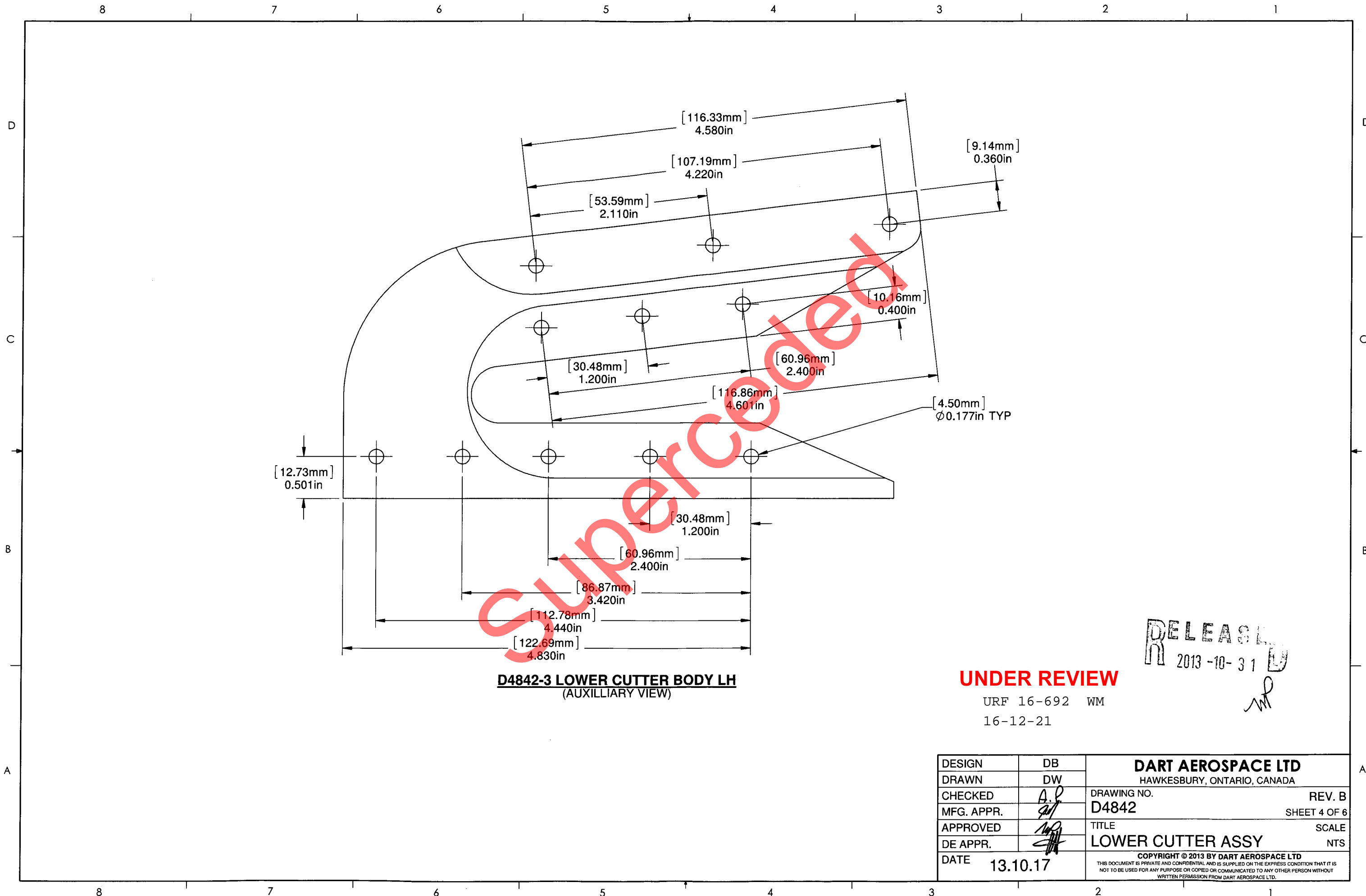
**D4842-3 LOWER CUTTER BODY LH**

**UNDER REVIEW**

URF 16-692 WM  
16-12-21

**RELEASED**  
2013-10-31

DESIGN	DB	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	DW		
CHECKED	A.P.	DRAWING NO.	REV. B
MFG. APPR.	g/f	<b>D4842</b>	SHEET 3 OF 6
APPROVED	g/f	TITLE	SCALE
DE APPR.	g/f	<b>LOWER CUTTER ASSY</b>	NTS
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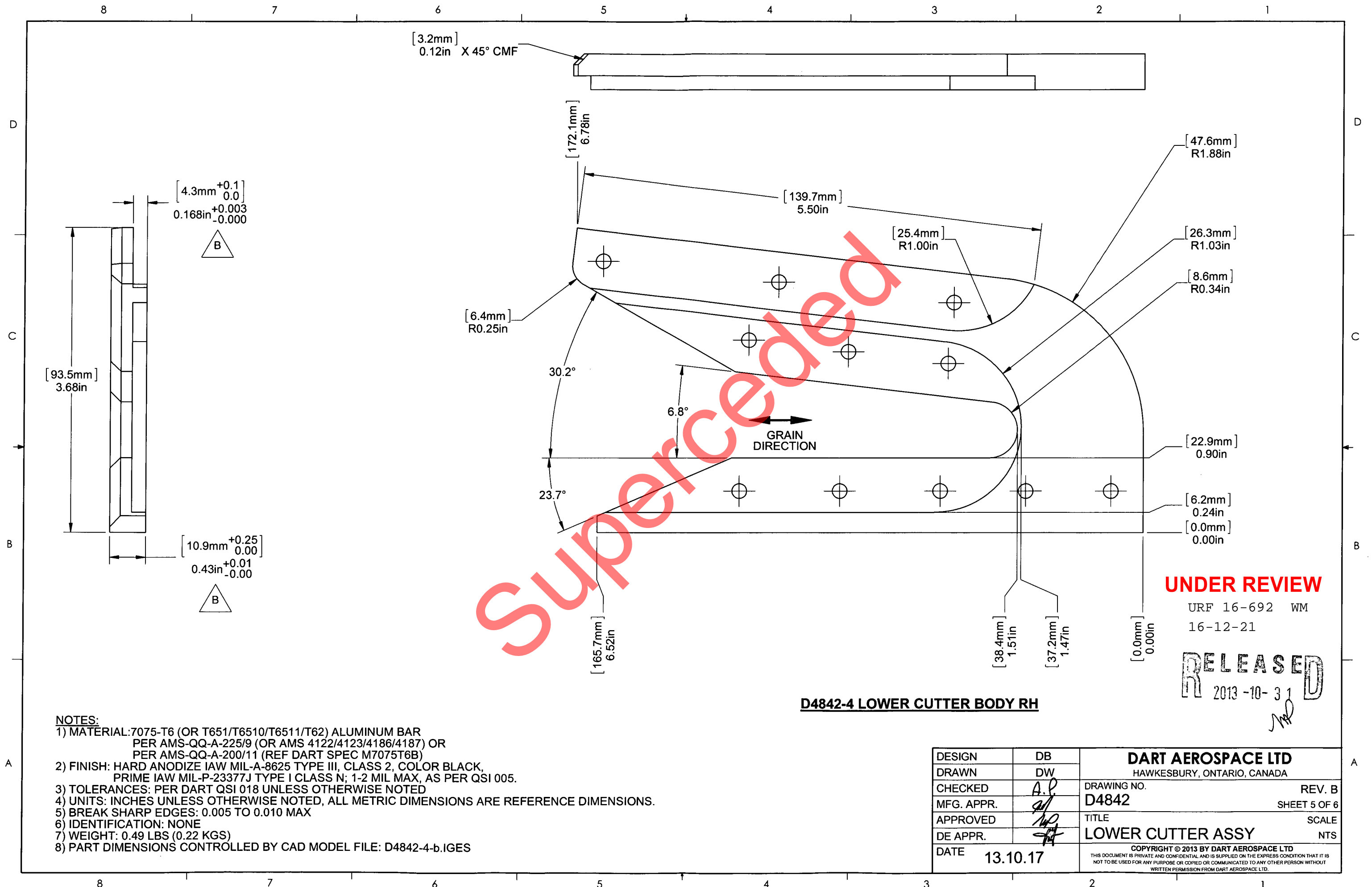
**D4842-3 LOWER CUTTER BODY LH**  
(AUXILLIARY VIEW)

**UNDER REVIEW**

URF 16-692 WM  
16-12-21

RELEASE  
2013-10-31  
*[Signature]*

DESIGN	DB	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	DW		
CHECKED	<i>A.P.</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>[Signature]</i>	<b>D4842</b>	SHEET 4 OF 6
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>LOWER CUTTER ASSY</b>	NTS
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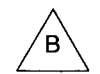
[3.2mm]  
0.12in X 45° CMF

[4.3mm<sup>+0.1</sup><sub>0.0</sub>]  
0.168in<sup>+0.003</sup><sub>-0.000</sub>



[93.5mm]  
3.68in

[10.9mm<sup>+0.25</sup><sub>0.00</sub>]  
0.43in<sup>+0.01</sup><sub>-0.00</sub>



[6.4mm]  
R0.25in

[172.1mm]  
6.78in

[139.7mm]  
5.50in

[25.4mm]  
R1.00in

[47.6mm]  
R1.88in

[26.3mm]  
R1.03in

[8.6mm]  
R0.34in

[22.9mm]  
0.90in

[6.2mm]  
0.24in

[0.0mm]  
0.00in

30.2°

6.8°

GRAIN  
DIRECTION

23.7°

[165.7mm]  
6.52in

[38.4mm]  
1.51in

[37.2mm]  
1.47in

[0.0mm]  
0.00in

**UNDER REVIEW**

URF 16-692 WM  
16-12-21

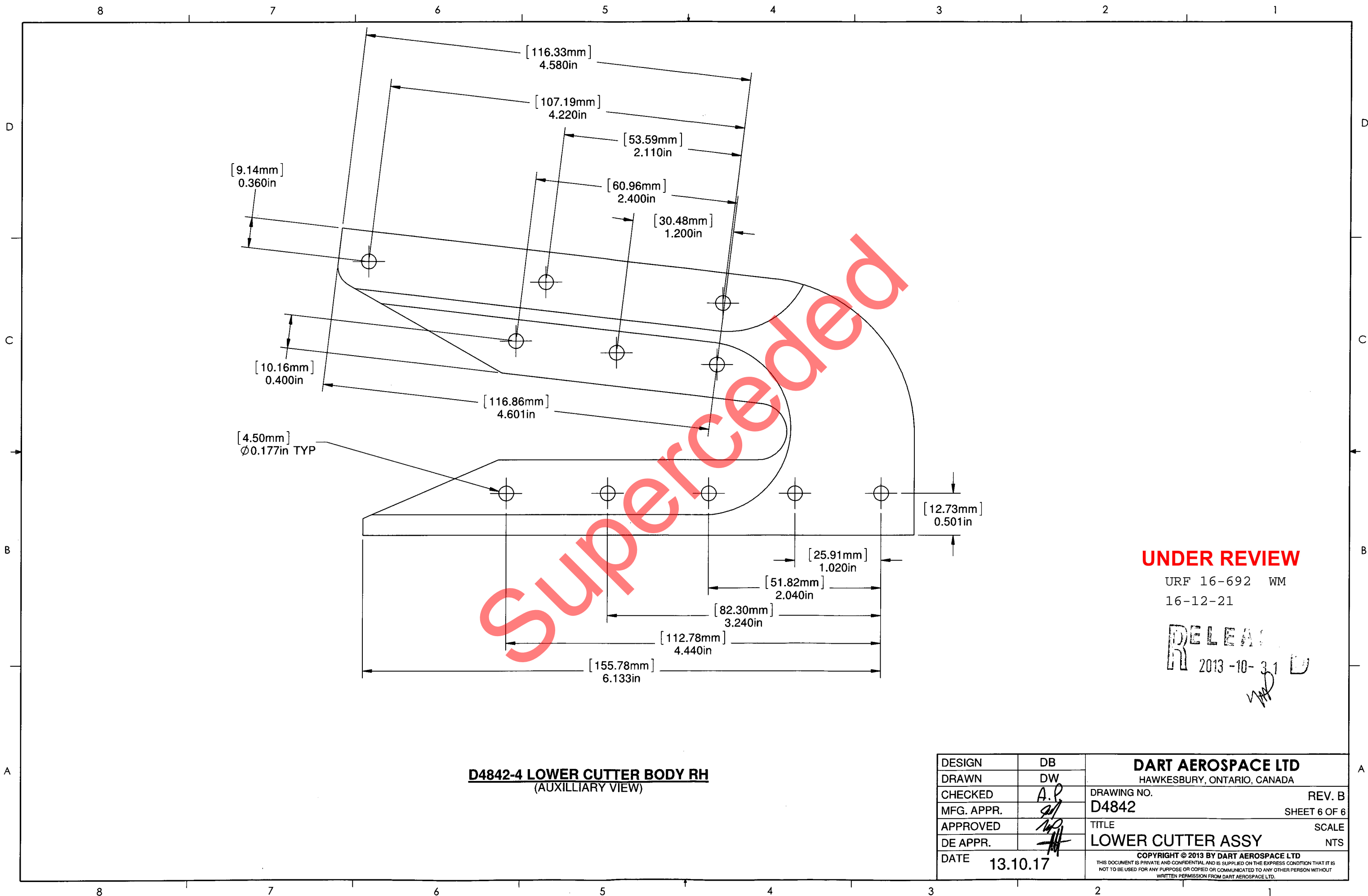
**RELEASED**  
2013-10-31

**D4842-4 LOWER CUTTER BODY RH**

**NOTES:**

- 1) MATERIAL: 7075-T6 (OR T651/T6510/T6511/T62) ALUMINUM BAR  
PER AMS-QQ-A-225/9 (OR AMS 4122/4123/4186/4187) OR  
PER AMS-QQ-A-200/11 (REF DART SPEC M7075T6B)
- 2) FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK,  
PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX, AS PER QSI 005.
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED, ALL METRIC DIMENSIONS ARE REFERENCE DIMENSIONS.
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.49 LBS (0.22 KGS)
- 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: D4842-4-b.IGES

DESIGN	DB	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	DW		
CHECKED	A.P.	DRAWING NO.	REV. B
MFG. APPR.	2/	<b>D4842</b>	SHEET 5 OF 6
APPROVED	1/	TITLE	SCALE
DE APPR.	5/	<b>LOWER CUTTER ASSY</b>	NTS
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**D4842-4 LOWER CUTTER BODY RH**  
(AUXILLIARY VIEW)

**UNDER REVIEW**

URF 16-692 WM  
16-12-21

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2013-10-31

DESIGN	DB	<b>DART AEROSPACE LTD</b>	
DRAWN	DW	HAWKESBURY, ONTARIO, CANADA	
CHECKED	A.P.	DRAWING NO.	REV. B
MFG. APPR.	[Signature]	<b>D4842</b>	SHEET 6 OF 6
APPROVED	[Signature]	TITLE	SCALE
DE APPR.	[Signature]	<b>LOWER CUTTER ASSY</b>	NTS
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